



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

020044-000310US FI

OCTOBER 18, 2002

PTAS

TOWNSEND AND TOWNSEND AND CREW LLP

FIDEL D. NWAMU

TWO EMBARCADERO CENTER, 8TH FLOOR

SAN FRANCISCO, CALIFORNIA 94111-3834

Under Secretary of Commerce For Intellectual Property and  
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\*102191178A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/07/2002

REEL/FRAME: 013180/0177  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ZAINIEV, GAFUR

DOC DATE: 08/01/2002

ASSIGNOR:

GERASIMOV, VLADIMIR

DOC DATE: 08/01/2002

ASSIGNOR:

ZLOTIN, BORIS

DOC DATE: 08/02/2002

ASSIGNOR:

WEINER, MICHAEL L.

DOC DATE: 07/08/2002

ASSIGNEE:

TECHNOLOGY INNOVATIONS, LLC  
150 LUCIUS GORDON DRIVE  
W. HENRIETTA, NEW YORK 14586

ASSIGNEE:

IDEATION INTERNATIONAL  
21800 WEST TEN MILE ROAD, SUITE  
119  
SOUTHFIELD, MICHIGAN 48075

013180/0177 PAGE 2

SERIAL NUMBER: 10213826  
PATENT NUMBER:

FILING DATE: 08/07/2002  
ISSUE DATE:

LAZENA MARTIN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

08-15-2002

Attorney Docket No. 020044-000310US

## Form PTO-1595

(Rev. 03-01)  
OMB No. 0651-0027 (exp. 5/31/2002)

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U.S. Department of Commerce  
U.S. Patent and Trademark Office

Tab settings &gt;&gt;&gt;▽

102191178

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Gafur Zainiev

08/07/02

## 2. Name and address of receiving party(ies)

Name: Technology Innovations, LLC

Internal Address: \_\_\_\_\_

Street Address: 150 Lucius Gordon Drive

City: W. Henrietta State: NY ZIP: 14586

Additional name(s) of conveying parties attached? ☒ Yes ☐ No.

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other: \_\_\_\_\_

Additional names and addresses attached? ☒ Yes ☐ No

Execution Date: 8/1/02; 8/1/02; 8/2/02; 7/8/02

## 4. Application number(s) or patent number(s).

If this document is being filed together with a new application, the execution date of the application is: 8/1/02; 8/1/02; 8/2/02; 7/8/02

## A. Patent Application No(s):

10/213826

## B. Patent No(s):

Additional numbers attached? ☐ Yes ☐ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Fidel D. Nwamu  
TOWNSEND AND TOWNSEND AND CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, California 94111-3834  
(415) 576-0200

## 6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41): \_\_\_\_\_ \$40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number: 20-1430

(Attach duplicate copy of this page if paying by deposit account)

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.

Fidel D. Nwamu

Name of Person Signing  
Atty. Reg. No. 46,294

Signature

8/7/02  
Date

Total number of pages including cover sheet, attachments and document 5

Mail documents to be recorded with required cover to:  
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Washington, D.C. 20231

08/15/2002 670:11 00000012 201430 10213826

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1. Additional name(s) of conveying party(ies):  
(Continued from Page 1)

Vladimir Gerasimov  
Boris Zlotin  
Michael L. Weiner

2. Additional name(s) and address(es) of receiving party(ies):  
(Continued from Page 1)

Ideation International  
21800 West Ten Mile Road, Suite 119  
Southfield, MI 48075

3. Additional application number(s) or patent number(s):  
(Continued from Page 1)

A. Patent Application No.(s)

B. Patent No.(s)

Attorney Docket No.: 020044-000310US

## ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Gafur Zainiev of 6358 Silverbrooke West (Maple/Haggerty), West Bloomfield, MI 48322, Vladimir Gerasimov of 3611 Ashview Street, West Bloomfield, MI 48324, Boris Zlotin of 5095 Virgle Lane, West Bloomfield, MI 48324, Michael L. Weiner of 693 Summit Drive, Webster, NY 14580, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: COMPOSITE FIBER FOR ABSORPTIVE MATERIAL  
WITH SENSOR

Date(s) of execution of Declaration: 8/1/02; 8/1/02; 8/2/02; 7/8/02

Filing Date: Herewith

Application No.: ; and

WHEREAS, Technology Innovations, LLC, located at 150 Lucius Gordon Drive, W. Henrietta, NY, 14586, and Ideation International, located at 21800 West Ten Mile Road, Suite 119, Southfield, MI, 48075 hereinafter referred to as "ASSIGNEES," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignees all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignees and Assignees' successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignees, but at Assignees' expense, (a) cooperate with Assignees in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignees lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignees, or Assignees' successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

Assignment  
Attorney Docket No.: 020044-000310US  
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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 08.01.02.

*Gafur Zainiev*  
Gafur Zainiev

STATE OF )

ss.

COUNTY OF )

On Aug 1, 2002, before me, *Aricka Horton*,  
personally appeared Gafur Zainiev, personally known to me (or proved to me on the basis of  
satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me  
that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the  
person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

ARICKA L. HORTON  
NOTARY PUBLIC WAYNE CO., MI  
MY COMMISSION EXPIRES Oct 25, 2004  
ACTING IN OAKLAND COUNTY MI

*Aricka Horton*  
NOTARY PUBLIC

My Commission Expires: 10/25/04

Dated: 08.01.02

*Vladimir Gerasimov*  
Vladimir Gerasimov

STATE OF )

ss.

COUNTY OF )

On Aug 1 2002, before me, *Aricka Horton*,  
personally appeared Vladimir Gerasimov, personally known to me (or proved to me on the  
basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and  
acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on  
the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

ARICKA L. HORTON  
NOTARY PUBLIC WAYNE CO., MI  
MY COMMISSION EXPIRES Oct 25, 2004  
ACTING IN OAKLAND COUNTY MI

*Aricka Horton*  
NOTARY PUBLIC

My Commission Expires: 10/25/04

Assignment

Attorney Docket No.: 020044-000310US

Page 3

Dated: 8-20-02
  
 Boris Zlotin

 STATE OF Michigan )  
 )  
 COUNTY OF Oakland )

ss.

On August 20, 2002, before me, Sara Peterhans,  
 personally appeared Boris Zlotin, personally known to me (or proved to me on the basis of  
 satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me  
 that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the  
 person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

  
 SARA PETERHANS  
 NOTARY PUBLIC WAYNE CO, MI  
 MY COMMISSION EXPIRES JUL 23, 2004

NOTARY PUBLIC

My Commission Expires: \_\_\_\_\_

Dated: 7/8/02
  
 Michael L. Weiner

 STATE OF NEW YORK )  
 )  
 COUNTY OF MONROE )

ss.

On JULY 8 2002, before me, ROBERT J. WOOD,  
 personally appeared Michael L. Weiner, personally known to me (or proved to me on the  
 basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and  
 acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on  
 the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

  
 NOTARY PUBLIC

My Commission Expires: \_\_\_\_\_

SF 1363216 v1

 ROBERT J. WOOD  
 Notary Public in the State of New York  
 Monroe County  
 Commission Expires 9/30/05

Attorney Docket No.: 020044-000310US

PTO/SB/01A (10-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	COMPOSITE FIBER FOR ABSORPTIVE MATERIAL WITH SENSOR
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As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☒ The attached application, or
- ☐ Application No. \_\_\_\_\_, filed on \_\_\_\_\_,
- ☐ as amended on \_\_\_\_\_ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

## FULL NAME OF INVENTOR(S)

Inventor 1 Gafur Zainiev Date: 08.01.02Signature:  Citizen of: Russian FederationInventor 2 Vladimir Gerasimov Date: 08.01.02Signature:  Citizen of: Russian FederationInventor 3 Boris Zlotin Date: 08.02.02Signature:  Citizen of: Russian FederationInventor 4 Michael L. Weiner Date: 7/8/02Signature:  Citizen of: United States☐ Additional inventors are being named on form(s) attached hereto.

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

SF 1363209 v1